

Iron County, WI

**Request for Proposal for PLSS Corner Remonumentation,
Perpetuation, Documentation, Coordinates, and Maintenance
2016 - 2017**

**Iron County Comprehensive Planning/Land & Zoning
Tom Bergman
300 Taconite Street
Suite 115
Hurley, WI 54534**

March 7, 2016

Project Services Specifications

Iron County is requesting proposals for the monumentation, perpetuation, documentation, coordinates, and maintenance of PLSS corners within Iron County to be completed during 2016 and 2017. Iron County currently projects to have \$50,000 in available grant funds for this project. The corners are of particular interest to the Iron County GIS Department and are comprised of section corners, 1/4 corners, and meander corners. The successful consultant, acting under the authority and approval of Iron County, will provide the following professional services.

Professional Services

Perpetuate / monument subject corners and any necessary additional controlling corners used for the establishment of the subject corners. See the attached list and plat book pages showing the subject corners.

The successful consultant must provide all necessary hardware to monument and witness the corners.

Minimum monument requirements:

Minimum Length: 30"

Weight: 1.13 lbs / lineal foot

Examples: 3/4" x 30" iron rebar, 1" o.d. x 30" iron pipe

Other types of monuments may be used if they exceed the minimum requirements.

Aluminum pipes or rods may also be used if they are at least 1" o.d. x 30" long (aluminum pipe) or 3/4" x 30" long (aluminum rod) with a stamped cap with a permanently affixed magnet.

Monuments must be capped with an aluminum or brass cap stamped to indicate the Township/Range, Section number(s), and type of corner (1/4, Section, M.C., etc.). If the corner is already marked by a sturdy corner marker, no new monument is necessary. Any unsecure (wobbly) existing corner markers must be reset in a sturdy manner or replaced. A sign post with a "Survey Marker/Monument" sign must be set in close proximity to the corner monument, if none already exists. Also a bearing tree sign must be placed on each bearing tree, if none already exist. Sign posts and/or bearing tree signs are not necessary in situations where its location would be a hindrance or an eyesore to a landowner.

Corners may be existent, obliterated, or lost. Any necessary research and field work is the responsibility of the successful consultant. Some corners have existing monument records. Others are shown on survey maps, but no monument record has been filed. The existence of others is unknown.

It may be necessary to reestablish adjacent controlling corners in order to establish the subject corner. The establishment of all corners shall be completed by the proper methods as laid out by the United States, the State of Wisconsin, and all other rules and regulations pertaining to the re-tracement of original government surveys. Any controlling corner used to establish any of the subject corners, whether by proportionate measurement, record bearing and distance, or by other means are considered part of this project. Controlling corners must be monumented and may not be "theoretical" or "calculated positions". Any costs associated with controlling corners shall be considered incidental and included in the total cost.

A U.S. Public Survey Land Monument Record must be prepared for each of the subject corners and for any used controlling corners, even if a record already exists. U.S. Public Survey Land Monument Records must be prepared according to Wisconsin Chapter AE-7.08. Iron County Coordinates in U.S. Survey Feet, NAD 83/91 must be supplied for each of the subject corners and for any used controlling corners. Coordinates must be listed on the face of the U.S. Public Survey Land Monument Record.

Accuracy Specifications

All corner coordinates shall meet or exceed Second Order, Class II (50ppm) as specified in the Wisconsin Department of Transportation Guidelines on Standards and Specifications for Global Positioning Systems (GPS) Surveys in Support of Transportation Improvement Projects (WDOT GPS Specs).

Definition of Delivered Product

The delivered product shall consist of the completed U.S. Public Land Survey Monument Records with Iron County Coordinates as specified above. The delivered products, as identified above, are defined as fully reviewed and completed by the County within 60 days of receiving data.

Ownership of Finished Product

All delivered products, documentation, and intellectual property resulting from this project will become the property of Iron County, Wisconsin.

Alternative Methods

Prospective bidders may propose alternative methods based on the terms of this document for any part of the project. Alternative proposals must include complete documentation and methodology, as well as exact specifications and final output. The alternative methods shall exceed any specification listed herein.

Submitting Bids

The intent of Iron County is to award the project under a single contract. Proposals must include the following:

- a. Using the attached list, specify how many corners can be completed for \$50,000. Start with corner number 1, and without skipping any corners, specify how many corners sequentially down the list can be completed for \$50,000. In the event that a bidder can complete all 100 corners for less than \$50,000, specify a bid amount to complete all 100 corners. The county may then decide to offer additional corners to the successful consultant, based on the bid average price per corner, to reach the total of \$50,000. The consultant may then choose to complete the additional corners.
- b. Organizational information including contact person.
- c. Provide brief resumes of project staff.
- d. Explanations and methodologies of all processes and equipment to be used.
- e. References. Provide at least two recent or ongoing projects that are similar in scope to this project.

Questions should be submitted to Tom Bergman, Iron County Comprehensive Planning/Land & Zoning Department, 300 Taconite Street, Suite 115, Hurley WI, 54534, phone: (715) 561-5414.

BID Deadline:

4pm central time March 24, 2016
Iron County Comprehensive Planning/Land & Zoning Department
300 Taconite Street
Suite 115
Hurley, WI 54534
Only sealed bids will be accepted, faxed responses or emails will not be accepted.

Deadlines

The entire project must be completed by December 15, 2017. In order to ensure timely completion, Iron County strongly encourages the consultant to complete approximately 50% of the project during each calendar year.

Subcontractors

All potential subcontractors must be identified by name, address, primary contact, and telephone number, and what part or parts of the project they might be assigned. Unless identified, no part or parts of the project may be subcontracted without the written permission of Iron County.

Availability of Funds

Iron County Register of Deeds reserves the right to reject any and all bids for any reason, and makes no representation that funds are currently available or will be appropriated to pay for the requested project. Iron County reserves the right to scale back the project based upon available grant funds.

Insurance Requirements

The consultant shall provide a Certificate of Insurance to the County. The limits of coverage shall meet or exceed the following requirements:

Workers Compensation & Employer's Liability

Coverage A:	Statutory
Coverage B:	\$100,000

General Liability

Bodily Injury, Personal Injury, Property Damage Limit	\$1,000,000 Each Occurrence Combined Single
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Automobile Liability

Bodily Injury, Property Damage Limit	\$300,000 Each Occurrence Combined Single
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Umbrella

Excess Liability Insurance Limit	\$1,000,000 Each Occurrence Combined Single
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Hold Harmless / Indemnification

The consultant will indemnify and save harmless Iron County and all of its officers, agents, and employees from all suits, actions, or claims of any character brought for or on account of any injuries or damages received by any persons or property resulting from the operations of the consultant, or their agents, in prosecuting work under this agreement.

Criteria for Award

Iron County openly solicits the best possible value on all requests for proposal. Iron County reserves the right to accept or reject any or all proposals and to negotiate the terms of the proposal with a proposer as deemed in the best interest of the County. Awards will be based upon price, ability, qualifications, and experience of the consultant.

**Iron County, WI PLSS Corner Remonumentation,
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T44N, R4E

1. Closing corner on the state line on the west line of Section 10
2. Closing corner on the state line on the east line of Section 10
3. West $\frac{1}{4}$ corner of Section 10
4. East $\frac{1}{4}$ corner of Section 10
5. SW corner of Section 10
6. West M.C. on south line of Section 10
7. East M.C. on south line of Section 10
8. SE corner of Section 10
9. NW corner of Section 13
10. North $\frac{1}{4}$ corner of Section 13
11. Closing corner on the state line on the north line of Section 13
12. West $\frac{1}{4}$ corner of Section 13
13. East $\frac{1}{4}$ corner of Section 13
14. SW corner of Section 13
15. South $\frac{1}{4}$ corner of Section 13
16. West $\frac{1}{4}$ corner of Section 15
17. East $\frac{1}{4}$ corner of Section 15
18. SW corner of Section 15
19. South $\frac{1}{4}$ corner of Section 15
20. West M.C. on south line of Section 15
21. East M.C. on south line of Section 15
22. SE corner of Section 15
23. NW corner of Section 16
24. North $\frac{1}{4}$ corner of Section 16
25. West $\frac{1}{4}$ corner of Section 16
26. SW corner of Section 16
27. West M.C. on south line of Section 16
28. East M.C. on south line of Section 16
29. NW corner of Section 17
30. North $\frac{1}{4}$ corner of Section 17
31. West $\frac{1}{4}$ corner of Section 17
32. SW corner of Section 17
33. South $\frac{1}{4}$ corner of Section 17
34. NW corner of Section 18
35. North $\frac{1}{4}$ corner of Section 18
36. West $\frac{1}{4}$ corner of Section 18
37. SW corner of Section 18
38. South $\frac{1}{4}$ corner of Section 18
39. West M.C. on south line of Section 18

40. East M.C. on south line of Section 18
41. M.C. on the east line of Section 19
42. Southwest corner of Section 19
43. South $\frac{1}{4}$ corner of Section 19
44. M.C. on the south line of Section 19
45. East $\frac{1}{4}$ corner of Section 20
46. M.C. on the south line of Section 20
47. South $\frac{1}{4}$ corner of Section 20
48. SE corner of Section 20
49. North M.C. on the east line of Section 21
50. South M.C. on the east line of Section 21
51. East $\frac{1}{4}$ corner of Section 21
52. South $\frac{1}{4}$ corner of Section 21
53. SE corner of Section 21
54. East $\frac{1}{4}$ corner of Section 22
55. South $\frac{1}{4}$ corner of Section 22
56. SE corner of Section 22
57. West $\frac{1}{4}$ corner of Section 24
58. North M.C. on the north shore of Pardee Lake on the east line of Section 24
59. Northerly M.C. on a point of land on the east line of Section 24
60. Southerly M.C. on a point of land on the east line of Section 24
61. South M.C. on the south shore of Pardee Lake on the east line of Section 24
62. SW corner of Section 24
63. South $\frac{1}{4}$ corner of Section 24
64. SE corner of Section 24
65. West $\frac{1}{4}$ corner of Section 29 (GLO position "In Lake", but $\frac{1}{4}$ corner position on land has been monumented and used.)
66. East $\frac{1}{4}$ corner of Section 29
67. SW corner of Section 29
68. West M.C. on the south line of Section 29
69. East M.C. on the south line of Section 29
70. SE corner of Section 29
71. West $\frac{1}{4}$ corner of Section 30
72. SW corner of Section 30
73. South $\frac{1}{4}$ corner of Section 30
74. West $\frac{1}{4}$ corner of Section 31
75. East $\frac{1}{4}$ corner of Section 31
76. SW corner of Section 31
77. South $\frac{1}{4}$ corner of Section 31
78. SE corner of Section 31
79. East $\frac{1}{4}$ corner of Section 32
80. South $\frac{1}{4}$ corner of Section 32
81. SE corner of Section 32
82. NW corner of Section 34
83. North $\frac{1}{4}$ corner of Section 34
84. NE corner of Section 34

- 85. West $\frac{1}{4}$ corner of Section 34
- 86. East $\frac{1}{4}$ corner of Section 34
- 87. SW corner of Section 34
- 88. South $\frac{1}{4}$ corner of Section 34
- 89. SE corner of Section 34
- 90. North $\frac{1}{4}$ corner of Section 35
- 91. NE corner of Section 35
- 92. East $\frac{1}{4}$ corner of Section 35
- 93. West M.C. on the south line of Section 35
- 94. East M.C. on the south line of Section 35
- 95. SE corner of Section 35

T43N, R4E

- 96. West $\frac{1}{4}$ corner of Section 5
- 97. East $\frac{1}{4}$ corner of Section 5
- 98. SW corner of Section 5
- 99. South $\frac{1}{4}$ corner of Section 5
- 100. SE corner of Section 5

SOUTHEAST PART OMA

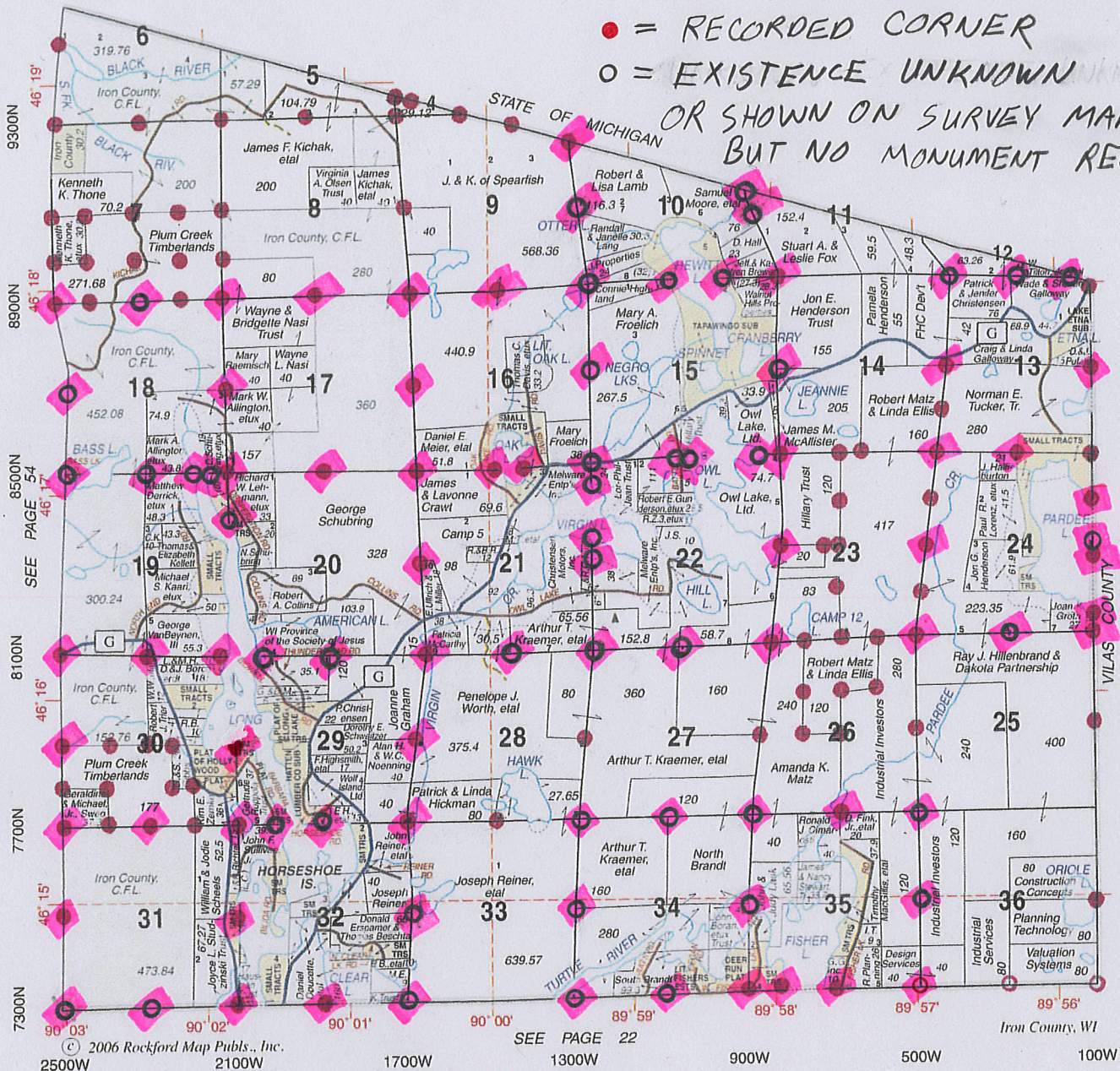
T.44N.-R.4E.

= SUBJECT CORNER

● = RECORDED CORNER

○ = EXISTENCE UNKNOWN

OR SHOWN ON SURVEY MAP BUT NO MONUMENT RECORD



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